

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

Claims 1 – 18 (cancelled)

Claim 19 (currently amended): An insulin-containing medicine for peroral comprising an immobilized insulin, erythrocytes and a linking agent ~~in proportion~~, in mass %:

insulin	5-10
erythrocytes	<del>100</del> <u>89.985 – 94.997</u>
<u>linking agent</u>	<u>0.003-0.015</u>

wherein insulin-containing medicine represents a lypophilized form with a content of 1250-2000E of insulin on 1 g of dry mass.

Claim 20 (previously presented): The insulin-containing medicine of claim 19, further comprising an auxiliary substance.

Claim 21 (previously presented): The insulin-containing medicine of claim 19, wherein the auxiliary substance is gelatin.

Claim 22 (previously presented): The insulin-containing medicine of claim 19, wherein the amount of the auxiliary substance is 1-2.5 mass%.

Claim 23 (previously presented): The insulin-containing medicine of claim 19, wherein erythrocytes are excreted from fresh pig, livestock or horse blood.

Claim 24 (previously presented): The insulin-containing medicine of claim 19, wherein the erythrocytes are excreted from fresh human blood.

Claim 25 (currently amended): The insulin-containing medicine of claim 19, ~~further comprising wherein the linking agent is glutarite dialdehyde.~~

Claim 26 (previously presented): The insulin-containing medicine of claim 19, wherein the insulin-containing medicine is derived by

excreting erythrocytes from fresh mammal blood,

incubating the erythrocytes with insulin in the presence of linking agent to obtain immobilized insulin,

washing the immobilized insulin with a physiological solution to obtain an insulin solution,

adding a stabilizer to the insulin solution, and

lyophilizing the insulin solution,

wherein the step of incubating is carried out at the ration insulin: erythrocytes 5-10: 100 and with the content of stitching agent in the final concentration 0.05-0.15 under the temperature 4-8°C for 4-6 hours while pendular rocking the erythrocytes and insulin with a frequency of 0.1-0.5 Hz,

wherein the step of excreting is influenced by centrifugal forces with a size of 350-1100 g within 15-30 minutes, and

wherein the step of washing the immobilized is carried out in several cycles under centrifugal forces with a size of 350-1100 g within 0.5-10.0 per cycle.

Claim 27 (previously presented): The insulin-containing medicine of claim 26, wherein the stabilizer is gelatine.

Claim 28 (previously presented): The insulin-containing medicine of claim 26, wherein the stabilizer is gelatine in the quantity 1-2.5 mass %.

Claim 29 (previously presented): The insulin-containing medicine of claim 26, wherein the erythrocytes are excreted from fresh pig, livestock or horse blood.

Claim 30 (previously presented): The insulin-containing medicine of claim 26, wherein the erythrocytes are excreted from fresh human blood.

Claim 31 (previously presented): The insulin-containing medicine of claim 26, wherein the linking agent is glutarite dialdehyde.